

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if known**

Application Number	10/506,719
Filing Date	September 7, 2004
First Named Inventor	Norio Sugawara, et al.
Art Unit	2841
Examiner Name	Hung S. Bui
Attorney Docket Number	450100-04894

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	**	US- 6,296,523	10-21-2001	Sasai	
	***	US-2002/0174286A1	11-21-2002	Tamura	
	*	US-5,552,632	9-3-1996	Iwasaki	
	*	US-6,201,295	3-13-2001	Iwasaki	
	*	US-6,274,926	8-14-2001	Iwasaki	
		US-6,193,495	2-27-2001	Sasai, et al.	
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>2</sup> (if known)				
	*	JP 06-312593	11-08-1994	Toshiba Corp	Abstract	<input checked="" type="checkbox"/>
	*	EP 0 622 760 B1	09-03-1994	Kabushiki Kaisha Toshiba	Abstract	<input checked="" type="checkbox"/>
	**	JP 11-354213	12-24-1999	Sumitomo Wiring Syst Ltd	Abstract	<input checked="" type="checkbox"/>
		JP 2001-160390	12-06-2001	Yazaki Corp	Abstract	<input checked="" type="checkbox"/>
		JP 3086525 U	4-11-1991	Hayashi Terenpu KK		<input type="checkbox"/>
	***	JP 2002-007974	01-11-2002	Sony Corp	Abstract	<input checked="" type="checkbox"/>
		JP 2002-190004	07-05-2002	Sharp Corp.	Abstract	<input checked="" type="checkbox"/>

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	*	Corresponding Cases	<input type="checkbox"/>
	**	Corresponding Cases	<input type="checkbox"/>
	***	Corresponding Cases	<input type="checkbox"/>

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.